

## INSPECTION RECORD

**Region III**  
**License No. 21-32624-01**

**Inspection Report No. 03037297/12-001(DNMS)**  
**Docket No. 030-37297**

**Licensee (Name and Address):**  
Cardiology Consultants of East Michigan  
1031 Suncrest Drive  
Lapeer, MI 48446

**Licensee Contact:** Dr. Brill M.D, RSO  
**Priority:** 5

**Telephone No.** (810)-664-4870  
**Program Code:** 2121

**Date of Last Inspection:** July 16, 2007  
**Date of This Inspection:** May 1, 2012 through May 29, 2012


**Type of Inspection:** ☐ Initial ☐ Announced ☒ Unannounced  
☒ Routine ☐ Special

**Next Inspection Date:** May 1, 2017 ☒ Normal ☐ Reduced

**Summary of Findings and Actions:**


- ☐ No violations cited, clear U.S. Nuclear Regulatory Commission (NRC) Form 591 or regional letter issued
- ☐ Non-cited violations (NCVs)
- ☐ Violation(s), Form 591 issued
- ☒ Violation(s), regional letter issued
- ☐ Follow-up on previous violations

**Inspector:**

  
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Bill C. Lin Health Physicist

**Date:** 6/25, 2012

**Approved:**

  
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Hironori Peterson, Acting Chief  
Materials Inspection Branch

**Date:** 6/26, 2012

## **PART I - LICENSE, INSPECTION, INCIDENT/EVENT, AND ENFORCEMENT HISTORY**

### **1. AMENDMENTS AND PROGRAM CHANGES:**

<u>Amendment No.</u>	<u>Date</u>	<u>Subject</u>
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Amendment #2	1/22/2010	change in location of use
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### **2. INSPECTION AND ENFORCEMENT HISTORY:**

No violations identified during last inspection in July 2007.

### **3. INCIDENT/EVENT HISTORY:**

No licensee events were reported since the last U.S. Nuclear Regulatory Commission (NRC) inspection. No open Nuclear Materials Event Database (NMED) items were pending for this licensee.

## **PART II - INSPECTION DOCUMENTATION**

### **1. ORGANIZATION AND SCOPE OF PROGRAM:**

Licensee is a cardiology clinic located in Lapeer Michigan. This licensee uses only unit doses of technetium-99m for cardiac studies. The licensee has one full time technician and one part time technician for patient studies. The license performs approximately 20 cardiac studies per day.

### **2. SCOPE OF INSPECTION:**

Inspection Procedures Used: 87130

Focus Areas Evaluated: Section 03.01 through 03.07

### **3. INDEPENDENT AND CONFIRMATORY MEASUREMENTS:**

The NRC inspector conducted independent radiation surveys in the hot lab, patient injection area, stress test area and in adjacent unrestricted areas. No unusual radiation levels were detected and radiation levels were within regulatory limits.

### **4. VIOLATIONS, NON-CITED VIOLATIONS, AND OTHER SAFETY ISSUES:**

License Condition 16 A of NRC Materials License 21-32624-01 states that the licensee shall conduct its program in accordance with License Application dated June 8, 2006. Section 8.24 Item 10 of License application dated June 8, 2006 states, the licensee have developed and will implement and maintain procedures for safe use of unsealed byproduct material that meet the requirements of Title 10 of the Code of Federal Regulations (CFR) 20.1101 and Title 10 CFR 20.1301.

Section B2.1.1 (part of the Licensee's procedure for Safe Use of Unsealed Byproduct Material) "Patient Identification" states in part, before an injection of radioactivity is administered, the technologist asks the patient to state his/her name and Date of Birth (DOB). The information given by the patient is compared to the information in the patient's chart. The patient will not be injected if there are discrepancies in information or if the consent form is not signed.

Contrary to the above, on April 10, 2012, the licensee failed to ask the patient to state his/her DOB before the administration of radioactivity; this resulted in the administration of radioactivity to a wrong patient.

**5. PERSONNEL CONTACTED:**

#\* David Simmonds Chief Nuclear Medicine Technologist

Use the following identification symbols:

# Individuals present at entrance meeting

\* Individuals present at telephone exit meeting

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